

PTO/SB/31 (\$2-01)

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|--|--------------------------|----------------------|--------------------------|-----------------------|----------|
| NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCE   |                          | Docket Num<br>014    | nber (Optional)          | HA RA                 | Pul      |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Assistant" | In re Applica<br>RAYMOND |                      | +                        | FILA                  | M4/8/    |
| Commissioner for Patents, Washington D.C. 20231" on 3-25-03  | Application I            |                      | Filed 2/14/0             | 2                     | ] `' `   |
| Signature Sour Skuts  Typed or printed name H. GORDON SHIELDS  | LINER                    |                      | AND METHOD               | OF MAKING             | A        |
| name H. GORDON SHIELDS   | Group Art U              | nit                  | Examiner HILLARY L.      | GUTMAN                |          |
| Applicant hereby <b>appeals</b> to the Board of Patent Appe examiner.  | eals and Interf          | erences from         | the last decisio         | on of the             |          |
| The fee for this Notice of Appeal is (37 CFR 1.17(b))  |                          |                      | \$ <u>160.00</u>         | <u></u> .             |          |
| Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is:  \$\frac{160.00}{}{}.00                            |                          |                      |                          |                       |          |
| A check in the amount of the fee is enclosed.  |                          |                      |                          | RECE                  | EIVED    |
| Payment by credit card. Form PTO-2038 is attac   | ched.                    |                      |                          |                       | 2 2003   |
| The Commissioner has already been authorized Deposit Account. I have enclosed a duplicate co   | •                        |                      | cation to a              | GROU                  |          |
| The Commissioner is hereby authorized to charge  | ge any fees w            | hich may be re       | equired, or cred         | dit                   |          |

any overpayment to Deposit Account No. . I have enclosed a duplicate copy of this sheet. A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.

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I am the applicant/inventor.

assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

X attorney or agent of record.

attorney or agent acting under 37 CFR 1.34(a).

Registration number if acting under 37 CFR 1.34(a).\_\_\_

H. GORDON SHIELDS Typed or printed name

Signature

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of forms are submitted.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

3-24-03

AF |3512 \$\$

|  | Priority sing Parts/ cation to Missing Parts CFR 1.52 or 1.53 | CD, Nu Remarks                                | umber of CD(s)   | RECEINAPR 0 2  GROUP EV 085839209 US  AGENT   |  |
|--|---|---|--|---|--|
| Amendment / Rep  After Final  Affidavits/c  Extension of Time  Express Abandor | declaration(s)<br>Request                                     | Petition Provision Power Change Addres Termin | to Convert to a<br>conal Application<br>of Attorney, Revocation<br>e of Correspondence | X (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please identify below):        |  |
| X Fee Transmittal Fo   | ed  | (for an i                                     | nent Papers<br>Application)<br>g(s)<br>ng-related Papers                               | After Allowance Communication to Group  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to Group |  |
| Total Number   | of Pages in This Subm   |   | Attorney Docket Numbe  | ol 44 (all that apply)  |  |
| (to be used for  | FORM (to be used for all correspondence after initial filing) |   | Group Art Unit Examiner Name   | 3612 HILLARY L. GUTMAN  |  |
| TR.  |   |   | Filing Date First Named Inventor   | 2/14/02   |  |
| (to be used for  | FORM all correspondence after                                 | er initial filing)                            | First Named Inventor Group Art Unit Examiner Name                                      | RAYMOND ZAPPE 3612 HILLARY L. GUTMAN  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (11-00)

Approved for use through 10/31/2002, OMB 0651-0032

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## for FY 2001

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** 

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|------------------------------|-------------------------------------|-------------------------|--------|
| Co                           | mpl t if Known                      | HEC                     | EIVED  |
| Application Number           | 10/077,346                          |                         | 2 2003 |
| Filing Date                  | 2/14/02                             |                         |        |
| First Named Inventor         | RAYMOND ZAPPE                       | GROU                    | するとして  |
| Examiner Name                | HILLARY L. GUT                      | MAN                     |        |
| Group Art Unit               | 3612                                |                         | ]      |
| Attorney Docket No.          | 0144                                |                         | ,      |

| METHOD OF PAYMENT   | FEE CALCULATION (continued) |              |            |              |   |             |
|---|-----------------------------|--------------|------------|--------------|---|-------------|
| The Commissioner is hereby authorized to charge   | 3. ADDITIONAL FEES          |              |            |              |   |             |
| indicated fees and credit any overpayments to:  Deposit   |                             | Large        |            | Sma          |   |             |
| Account<br>Number   | Fee                         | Entit<br>Fee | Fee        | Entit<br>Fee | Fee Description   | Fee Paid    |
| Deposit<br>Account  | 105                         | 130          | 205        | e (\$)<br>65 | Surcharge - late filing fee or oath   |             |
| Name  | 127                         | 50           | 227        | 25           | Surcharge - late provisional filing fee or                                    |             |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17   | '-'                         | 00           |            | 20           | cover sheet   |             |
| Applicant claims small entity status.   | 139                         | 130          | 139        | 130          | Non-English specification   |             |
| See 37 CFR 1.27   | 147                         | 2,520        | 147        | 2,520        | For filing a request for ex parte reexamination                               |             |
| 2. X Payment Enclosed:  Check Credit card Money Other   | 112                         | 920*         | 112        | 920*         | Requesting publication of SIR prior to<br>Examiner action                     |             |
| FEE CALCULATION   | 113                         | 1,840°       | 113        | 1,840        | * Requesting publication of SIR after<br>Examiner action                      |             |
|   | 115                         | 110          | 215        | 55           | Extension for reply within first month  |             |
| BASIC FILING FEE     Large Entity Small Entity  | 116                         | 390          | 216        | 195          | Extension for reply within second month                                       |             |
| Fee Fee Fee Fee Description   | 117                         | 890          | 217        | 445          | Extension for reply within third month  | <u> </u>    |
| Code (\$) Code (\$) Fee Paid  101 710 201 355 Utility filing fee  | 118                         | 1,390        | 218        | 695          | Extension for reply within fourth month                                       | <u> </u>    |
| 106 320 206 160 Design filing fee   | 128                         | 1,890        | 228        | 945          | Extension for reply within fifth month  |             |
| 107 490 207 245 Plant filing fee  | 119                         | 310          | 219        | 155          | Notice of Appeal  | 160.00      |
| 108 710 208 355 Reissue filing fee  | 120                         | 310          | 220        | 155          | Filing a brief in support of an appeal  |             |
| 114 150 214 75 Provisional filing fee   | 121                         | 270          | 221        | 135          | Request for oral hearing  | ļ   Ì       |
| <u> </u>  | 138                         | 1,510        | 138        | 1,510        | Petition to institute a public use proceeding                                 |             |
| SUBTOTAL (1) (\$)   | 140                         | 110          | 240        | 55           | Petition to revive - unavoidable  |             |
| 2. EXTRA CLAIM FEES   | 141                         | 1,240        | 241        | 620          | Petition to revive - unintentional  | <u> </u>    |
| Fee from Extra Claims <u>below</u> Fee Paid   | 142                         | 1,240        | 242        | 620          | Utility issue fee (or reissue)  |             |
| Total Claims -20** = X =  | 143                         | 440          | 243        | 220          | Design issue fee  |             |
| Independent Slaims - 3** = X = =  | 144                         | 600          | 244        | 300          | Plant issue fee   | <del></del> |
| Multiple Dependent  | 122                         | 130          | 122        | 130          | Petitions to the Commissioner   |             |
|   | 123                         | 50           | 123        | 50           | Processing fee under 37 CFR 1.17(q)   | ļ           |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description   | 126                         | 180          | 126        | 180          | Submission of Information Disclosure Stmt                                     | <b></b>     |
| Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20   | 581                         | 40           | 581        | 40           | Recording each patent assignment per<br>property (times number of properties) |             |
| 102 80 202 40 Independent claims in excess of 3   | 146                         | 710          | 246        | 355          | Filing a submission after final rejection (37 CFR § 1.129(a))                 |             |
| 104 270 204 135 Multiple dependent claim, if not paid   | 149                         | 710          | 249        | 355          | For each additional invention to be   |             |
| 109 80 209 40 ** Reissue independent claims over original patent  | 170                         | 746          | 070        | 255          | examined (37 CFR § 1.129(b))  |             |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent   | 179<br>169                  | 710<br>900   | 279<br>169 | 355<br>900   | Request for Continued Examination (RCE)  Request for expedited examination    |             |
| SUBTOTAL (2) (\$)   |                             | r fee (s     |            |              | of a design application   |             |
| **or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 160.00 |                             |              |            |              | 160.00  |             |
| SUBMITTED BY Complete (if applicable)   |                             |              |            |              |   |             |

Registration No. Telephone (602) 995-0490 23,099 H. GORDON SHIELDS Name (Print/Type) (Attorney/Agent) 3-25-03 Date Signature

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